CLAIMS

WE CLAIM:

1. A substantially purified preparation of a DNA molecule comprising the nucleotide sequence of SEQ ID NO:2 between nucleotides 1052 and 3649.

2. A genetic construct comprising in 5' to 3' order:

a transcriptional promoter active in a host cell; and

a DNA fragment comprising a nucleotide sequence of SEQ ID NO:2 between nucleotides 1052 and 3649.

3. A method for treating a wound, comprising the steps of:

providing in a suitable host cell a genetic construct comprising a transcriptional promoter active in the host cell and a DNA fragment comprising a nucleotide sequence of SEQ ID NO:2 between nucleotides 1052 and 3649 so that a protein is encoded by the nucleotide sequence; and

administering the protein to a wound in an amount effective to accelerate healing of the wound relative to an untreated wound.

4. A substantially pure preparation of a protein having the amino acid sequence of SEQ ID NO:3 between amino acids 1 and 1013.

5. A substantially purified preparation of a DNA molecule comprising the nucleotide sequence of SEQ ID NO:4 between nucleotides 1089 and 3686.

6. A genetic construct comprising in 5' to 3' order:

a transcriptional promoter active in a host cell; and

a DNA fragment comprising a nucleotide sequence of SEQ ID NO:4 between nucleotides 1089 and 3686.

7. A method for treating a wound, comprising the steps of:

providing in a suitable host cell a genetic construct comprising a transcriptional promoter active in the host cell and a DNA fragment comprising a nucleotide sequence of SEQ ID NO:4 between nucleotides 1089 and 3686 so that a protein is encoded by the nucleotide sequence; and

administering the protein to a wound in an amount effective to accelerate healing of the wound relative to an untreated wound.

8. A substantially pure preparation of a protein having the amino acid sequence of SEQ ID NO:5 between amino acids 1 and 1013.